

ABSTRACT OF THE DISCLOSURE

A light source device for radiating a stimulated emission of light from a semiconductor laser (200) to a free space via
5 a multiple scattering optical system, which system has a first region (204) located adjacent to the semiconductor laser (200) and a second region (205) that abuts on the first region and reaches the free space. The first region (204) contains scatterers at a high density and the second
10 region (205) has a lens portion (205a) as a magnifier for at least a principle part of a secondary planar light source formed at an interface between the first and second regions (204, 205). This provides a light source device and an optical communication module employing the device,
15 which device, with a simple construction, enables a high light output efficiency of light safe to eyes even with use of a high-power semiconductor light-emitting device, and reduction in power consumption, size and cost and is suitable for a high-speed optical communication system that
20 covers a wide communication area.